

THIRD PRELIMINARY AMENDMENT
U.S. Appln. No. 10/084,062

REMARKS


Claims 17, 20, 24 and 30 have been amended. Claim 17 has been amended to change "polymer using" to "polymerization of" and change "polymerisation" to "polymerization." These amendments are not intended to change the scope of the claim. Instead, they are intended to merely improve the grammar of the claim and use the American spelling of "polymerization."

Claims 20 and 24 have been amended to correct an error in the dependencies thereof. Claim 20 has also been amended to correct additional typographical errors ("C-14" and insert text that had been inadvertently omitted between pages 2 and 3 of the Preliminary Amendment filed February 28, 2002.

Claim 30 has been amended to insert text that was missing.

Entry and consideration of this Third Preliminary Amendment are respectfully requested.

Respectfully submitted,


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APPENDIX
VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

The claims are amended as follows:

17. A contact lens material manufactured from a cross-linked polymer formed by ~~polymer using polymerization of~~ -a mixture of;

- a) a zwitterionic monomer;
- b) a non-ionic diluent monomer; and
- c) a cross-linking monomer which forms cross-linking during the ~~polymerisation~~ polymerization -reaction.

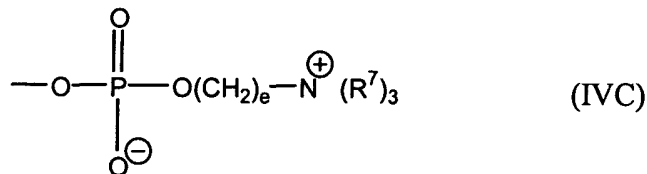
20. A contact lens material according to claim ~~3~~ 19 wherein X has the general formula IVB, IVC, IVD, IVE or IVF

wherein a group IVB has the formula



wherein the groups R^6 are the same or different and each is hydrogen or C_{1-4} alkyl and d is from 2 to 4,

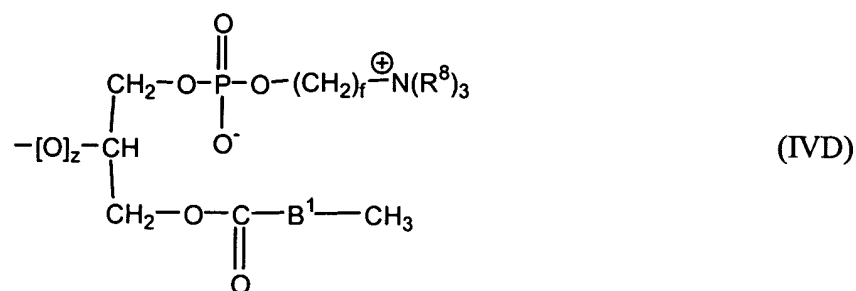
the group IVC has the formula



THIRD PRELIMINARY AMENDMENT
U.S. Appln. No. 10/084,062

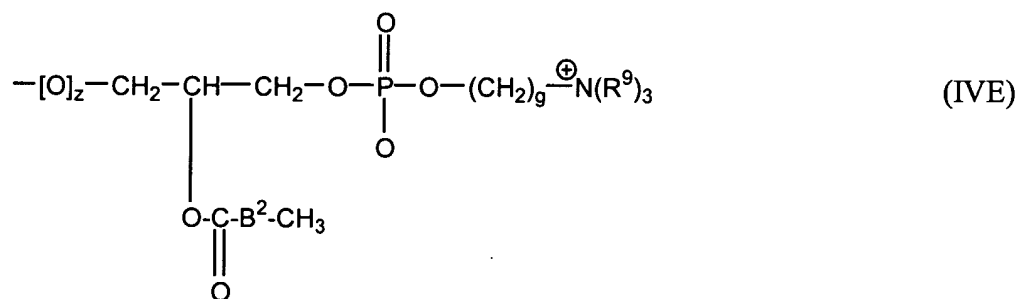
wherein the groups R^7 are the same or different and each is hydrogen or C_{1-4} alkyl, and e is 1, 3 or 4;

groups of formula (IVD) have the general formula



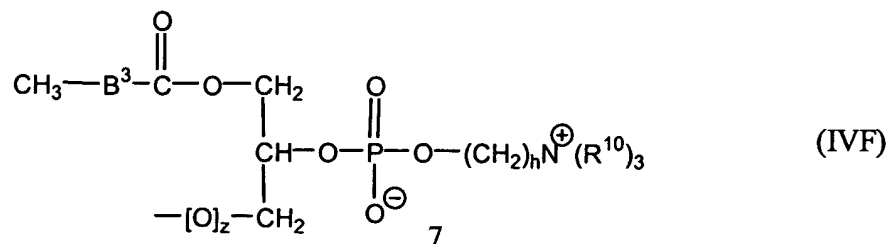
wherein the groups R^8 are the same or different and each is hydrogen or C_{1-4} alkyl, B^1 is a valence bond or straight or branched alkylene, oxaalkylene or oligo-oxaalkylene group, f is from 1 to 4 and if B is other than a valence bond, z is 1 and if B is a valence bond z is 0 if X is directly bonded to an oxygen or nitrogen atom and otherwise z is 1;

groups of formula (IVE) have the general formula



wherein the groups R^9 are the same or different and each is hydrogen or C_{1-4} alkyl, B^2 is a valence bond or straight or branched alkylene, oxaalkylene or oligo-oxaalkylene group, g is from 1 to 4 and if B is other than a valence bond, z is 1 and if B is a valence bond z is 0 if X is directly bonded to an oxygen or nitrogen atom and otherwise z is 1; and

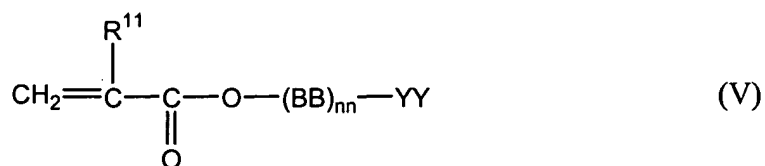
groups of formula (IVF) have the general formula



THIRD PRELIMINARY AMENDMENT
U.S. Appl. No. 10/084,062

wherein the groups R^{10} are the same or different and each is hydrogen or C_{1-4} alkyl, B^3 is a valence bond or a straight or branched alkylene, oxaalkylene or oligo-oxaalkylene group, h is from 1 to 4 if B is other than a valence bond, z is 1 and if B is a valence bond z is 0 if X is directly bonded to an oxygen or nitrogen atom and otherwise z is 1.

24. A contact lens material according to claim ~~1~~ 17 wherein the zwitterionic monomer has the formula (V):



wherein BB is a straight or branched C_1 - C_6 alkylene chain optionally interrupted by one or more oxygen atoms;

nn is from 1 to 12;

R^{11} is H or a C_1 - C_4 alkyl group; and

YY is a zwitterionic group.

30. A contact lens formed of a hydrogel comprising a cross-linked polymer ~~and~~
formed by polymerization of a mixture of:

a) a zwitterionic monomer;

b) a non-ionic diluent monomer;

c) a cross-linking monomer which forms cross-linking during the polymerization
reaction; and

THIRD PRELIMINARY AMENDMENT
U.S. Appln. No. 10/084,062

d) water in an amount from 30 to 80% by weight.